

WHAT IS CLAIMED IS:

1. A conveyor apparatus for a particulate material to be conveyed, said apparatus comprising a plurality of handling devices for processing the material to be conveyed, a storage vessel for the material to be conveyed, a conveying line provided with a suction probe for withdrawing the material to be conveyed from the storage vessel, and a negative pressure source connected to the handling devices via a suction line, wherein the conveying line is a common conveying line to which all the handling devices are connected, and a control member is provided on the suction probe for regulating the air flow rate through the conveying line in response to a signal from an air pressure sensor disposed on the suction line.

2. A conveyor apparatus according to claim 1, wherein said particulate material to be conveyed is a synthetic resin granulate or powder.

3. An apparatus according to claim 1, wherein each handling device is provided with an individual connecting nipple on the conveying line and a connecting line leading from the connecting nipple to the handling device.

4. An apparatus according to claim 1, wherein a signal output line from the air pressure sensor is connected to a controller that compares a signal from the pressure sensor representing the pressure in the suction line to a predefined target value and produces a control signal for regulating the position of the control member.

5. An apparatus according to claim 1, wherein the suction probe comprises an inner tube and a moveable control component, said inner tube having an opening at one axial end thereof and being connected to the conveying line, and said control component being coupled with the control

member so as to be moveable by the control member to partially cover or uncover the opening at the end of the inner tube.

6. An apparatus according to claim 5, wherein the control component comprises an outer tube which surrounds the inner tube and is axially displaceable relative to the inner tube.

7. An apparatus according to claim 1, wherein the control member is a driving element of a servomotor having housing mounted to the control component or to the inner tube.